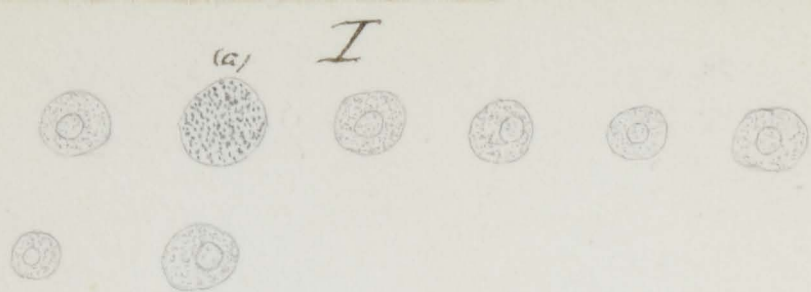


FROM
THE LIBRARY
OF
SIR WILLIAM OSLER, BART.
OXFORD

WG. 1

7666 m

Bibl. Osl. 7666 (m)



I Colourless blood corpuscles from
blood of splenic vein (No 9(m) & 3)

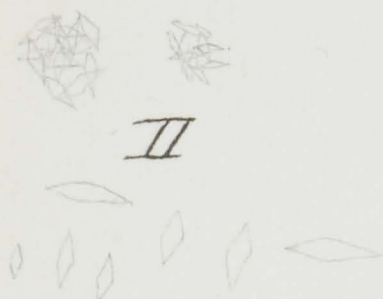
II Colourless corpuscles from blood
of healthy man. No 9(m) & 3

Single vesicular nucleus seen in the cor-
puscles of leukaemic blood; a granular
corpuscles seen (a) in each series

I



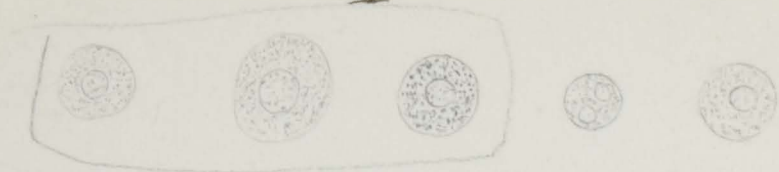
II



I Peculiar crystalline bodies
abundant in the blood and in
the ante-mortem clots

II The same from fresh liver tissue
in which they were specially
numerous

I



II



I Leucocytes from blood in the heart. No 9. (mic) & 3

II The same from ante-mortem clot, after having been in Müller's fluid. Nuclei swollen
No 9 (mic) & 3

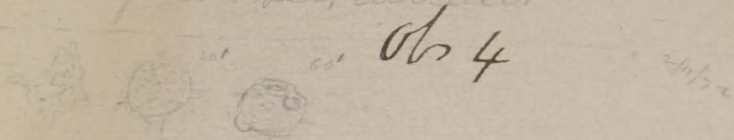


There three cells containing
 blood corpuscles were
 watched for 7 hours, ^{on a warm stage,} without
 any change, whatever being
 observed. The nuclei became
 somewhat more distinct but
 no alteration in size of the
 vacuoles took place.

9/10/75 at 10.40 AM

A rabbit in whose blood the
masses were as retained to
be plentiful was bled
into a superheated capsule
all the capsules, preps, glass rods
were carefully superheated &
not allowed to touch anything af-
ter. The blood was whipped
with a glass rod to remove the
fibrin. The ^{points of the} pellets were
broken off under the blood
(A) was filled with blood alone
& the blood was sucked up into
the pellets. The blood was then
diluted one half with boiled
saline solution & the pellets
B, C, D, E, F, G were filled
B had the blood sucked up
H a tube filled with ordinary saline

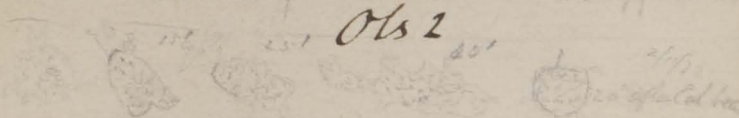
an of them, the good & colour
 smaller contracts in some about
 & occupying the nucleus, then the
 colouring disappears leaving the
 other parts very distinct



Obs 4

2/1/22

Cobalt bean same situation 200 12 6"
 1000 magnifying glass. The above sketch
 represents the change within an
 hour, in the observation they continued
 to move slightly for nearly the whole period
 explained probably by the decomposition
 of the solution which contained no silica
 nuclei developed in many instances.
 That corpuscles in simple solution for this
 same period showed considerable movement
 but distinctly had no nuclei apparent



Obs 2

2/1/22

atropine 2 1/2 to 1000 grs of solution
 & excessive activity of the corpuscles the only
 observable change in a corpuscle watched
 for 40". A bit of Cal bean then added
 which made the corpuscle gradually contract
 to a rounded ball with a few fine hairlike
 processes in about 20". It seemed to go on
 & off slightly & continued a few slight
 movements, though somewhat added

On the red corpuscle, I act on
 to dissolve out the colouring
 matter leaving the stroma &
 nucleus remarkably distinct



atropine
 Obs 1st Action of Calabar Bean on
 white oo corpuscle. Strength $1\frac{1}{8}$ gr
 + 1000 gr measures of Saline solution
 Fig 1 corpuscle unatropined
 Fig 2 corpuscle (same) & hatched at
 intervals of 5" with gull. 1. at 10" with
 gull. ii & 15" with gull. iii. This proves
 that the solution is not nearly
 strong enough

Obs. 3



Action of Cal. bean Fig 1 represents change
 in 20" of final cessation. Fig 2 change in
 white corpuscle, with nucleus appearing
 on the 25" the action after 25" appears



Ob. 1 On corpuscle in drop of saline exhibiting ameboid movement. On adding 2 drops of 3% solution of Physostigmine 126 to 1000 of saline solution the movements of the corpuscle were almost stopped. (Fig 1) shows the slight change which took place in half an hour. It appears to me that the nuclei much more apparent & contract the whole corpuscle. Nucleoli also are evident in many and a remarkable number of arrangement of the nuclei are observed in some (Fig 2)

Ob. 2 Addition of rather more of the solution to a fresh specimen & two corpuscles under obs. In only one (Fig 3) was any movement noticed. As that as may be seen of tremely slight taking 3/4 hour for it to accomplish

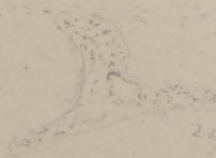
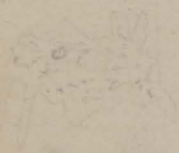
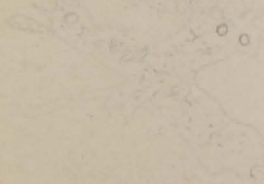
has most likely been in the case
and in about 3 1/2 hours. ^{Some} ~~with~~ processes could be seen
~~from the outside only.~~ Fig 4 represents
some of the corpuscles at this
time, a few still had blunt
processes, but formed, & the whole
corpuscles not like the clean
than ones which appeared to
be protruded from the interior
of the cell the interpenetration of which
retained their form & form
almost all the while corpuscles
presented the appearance as
described, but in some as
fig 2 the processes were from
the front apparatus as nipple
like projections surrounding
the corpuscle.

Fig 3 represents two curious
forms.

Fig 5 shows two corpuscles with
the processes still out after
seven hours action of the atropine.

25/10/72

(1)



2)

26/10/72

1) Changes in a white or
cupule of a nest within 5
minutes

2) odd forms assumed by
white or cupule of nest
within 1 hr 9 & 103 cupule

VII

(1)



(2)



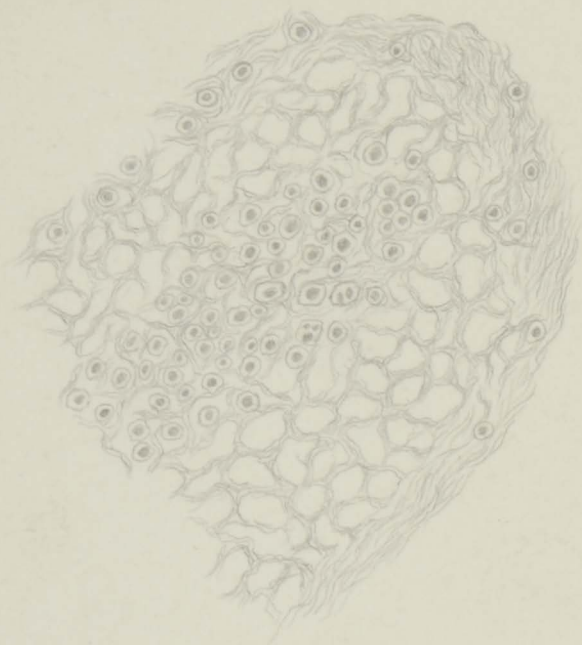
From axilla of adult *G. pis*
in which a suture had been inserted
for 48 hours

(1) Cells with nuclei & fat:

(2) Pac cells of various size with
which the whole tissue was impregnated
diam. ^(diam) 9×3 at level of 2μ

Strophylax curvis Frankenh.







No 704

Development of blood in connective tissue
 cells from basal of young out. 12 hrs old
 a b c cells so pluripotent masses
 containing red corpuscles. The former,
 3 examples at a were also slightly tinged
 d a corpuscle with trace of chromatin
 granules. No change in it with
 3 1/2 hours. 2 capillary containing blood and
 developing basophilic (B). 9 hrs from out of
 about two hours after running 7 days
 all water - like the B.C. column of liver then
 H a capillary bed

20/6/73

~~21~~

Adult ♀ pig. Ammon. seton
muscle, three days.

Connective tissue covering
muscle examined &
cells such as sketched in previous
pages at figs 1 & 2 were found
throughout the tissue.

The large pale ones occur
either singly or in groups varying
in number from one or two
up to white ~~clusters~~ dense,
condensed together. The pale
cells (fig 2) were dark, very
granular & contained a sharp
defined nucleus.

One or two cells, only, like that
sketched in fig (3) were seen
at one edge of the preparation.

An adult M. G. Pig section (with)
in at Ma. Killed two days after
invention. Yuccius about the section
connection ^{was over (17 yrs)}
& ^{muscular} ~~dentures~~ ^{more} ~~well~~
distance infiltrated with
pus, it appeared to be in
the lower layers of the shell.

~~XI~~

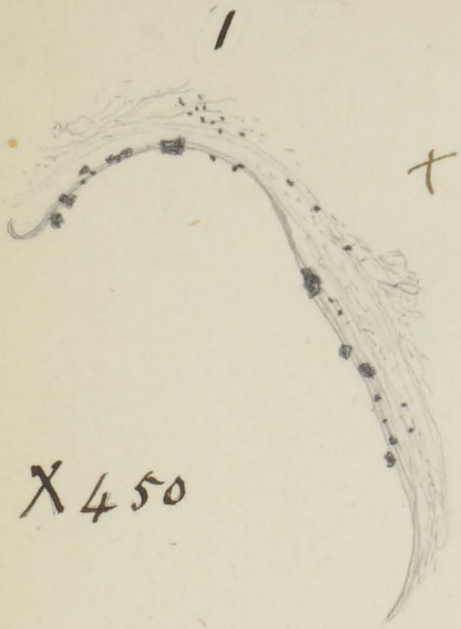
Muscle



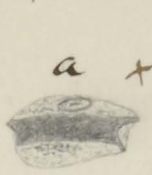


Handwritten text, possibly a signature or date, located at the bottom left of the page.

I



X 450



2



X 450

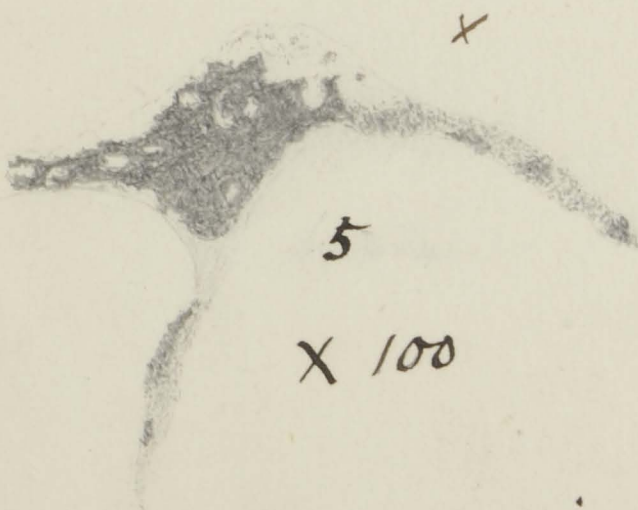


3

X 225



4



5

X 100

(1) Natural section of alveolar wall showing particles of carbon attached to and imbedded in it

(2) Cellular elements (4) a stellate connective tissue corpuscle

(3) Piece of coal, with rhymed edges

(5) Alveolar septa & portion of a cell densely impregnated with pigment

Cf. the article on anthracosis 1875

JTC

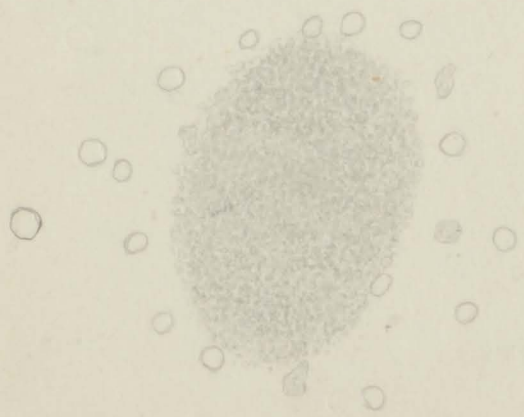
508

503

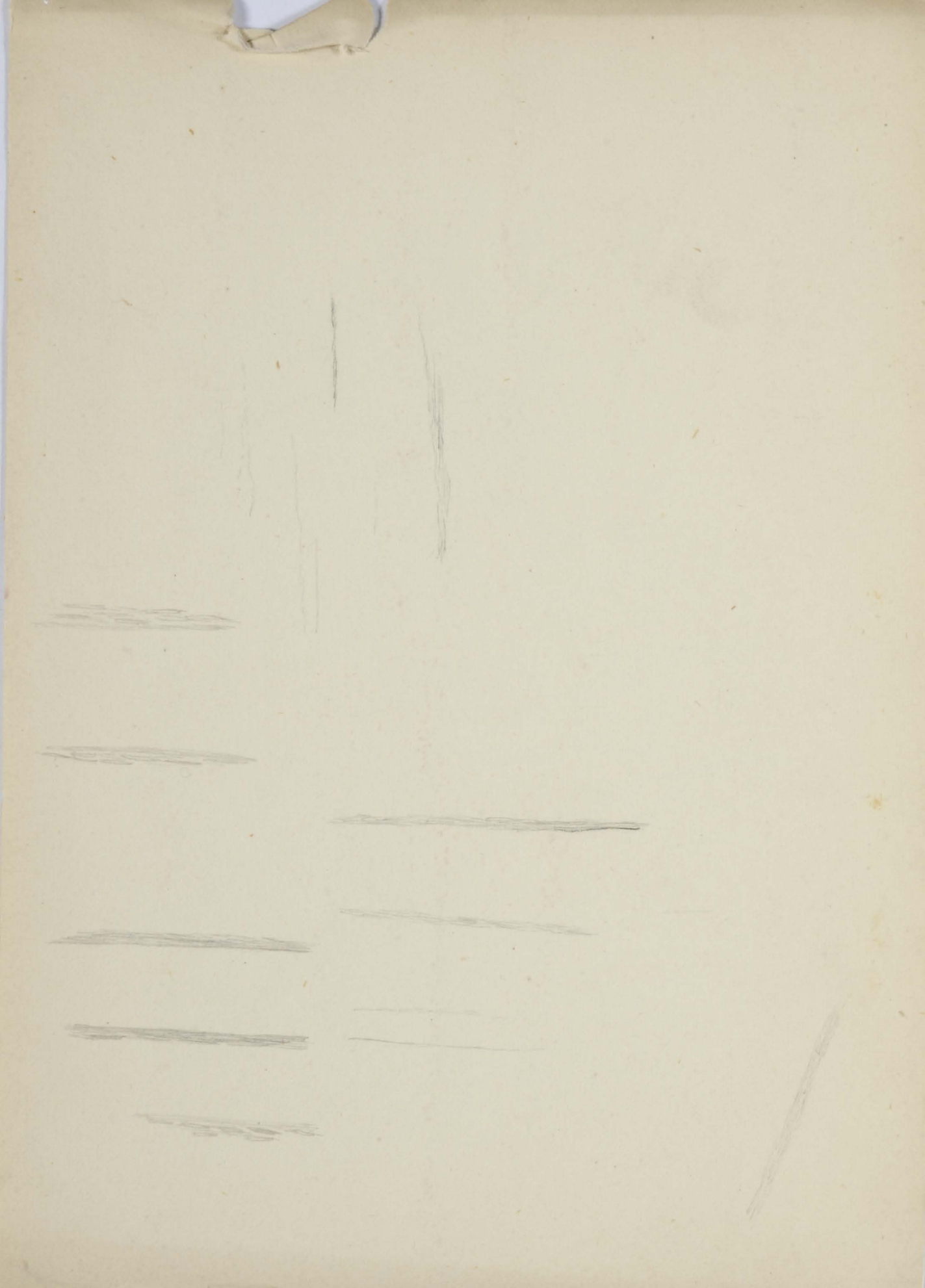
Red



503



503 (from 508)



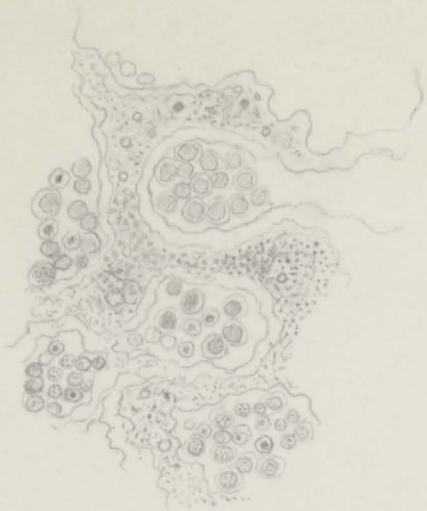
Drawings for his

Accd. of Certain Organisms etc.

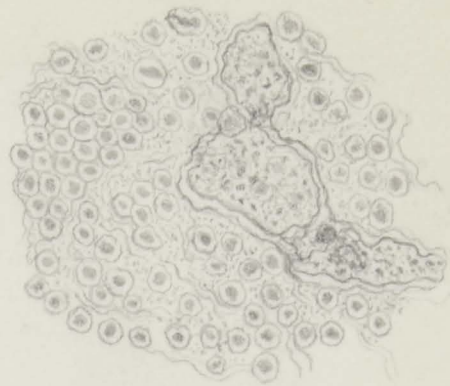
Proc. Royal Soc. 1874

(J.C.)

I



II



I Liver infiltrated with Leucocytes
with atrophy of cords of Liver substance

II Portion of liver infiltrated with Leucocytes
with remains of a few cells

as found in

Dr. Snow's Plainfield Ill.



1 3/4" long

4 in case 76.8 grains weight



depos. Prod. Nov. 10/9/86

Calceolus

harvest per medium

after symptoms of

7/10/73

9: pig

Examined its blood in its own
serum. Blood taken from the
heart - 3/4 hr after death
No development took place in
any of the masses in the petri dish

9/10/73

adult rabbit, not mungy, but
thin

Masses plentiful development
in saline moderate

Lampblack & spirit

add eq part of

polish (French)

a second coat sp. varnish

& much pol. paper

LVI



Developing capillary - some
distance from other capillary
7 or 8 others - somewhat alike
were in the same neighborhood
in young rat 2 days old

10/10/73

Tube 15 open

10.30 again

Numerous
tubes above
with small
at their bases
Leptothorax for
after 4 1/2 hours

as a small
a. come
to be done
with
on a small tube

have undergone
many filaments - may be seen about
them & in some cases growing
from them in the field all stages
of the filaments may be seen as
then detached

The marine
formation but





From connective tissue of
tail of young rat 30 hours old
a & c no 7 & 4, d no 5 & 4




Connective tissue corpuscles
with blood cells + vacuoles
from fascium of young rat
24 hrs old

The three lower sketches represent
the ordinary cells in the neighbour-
hood

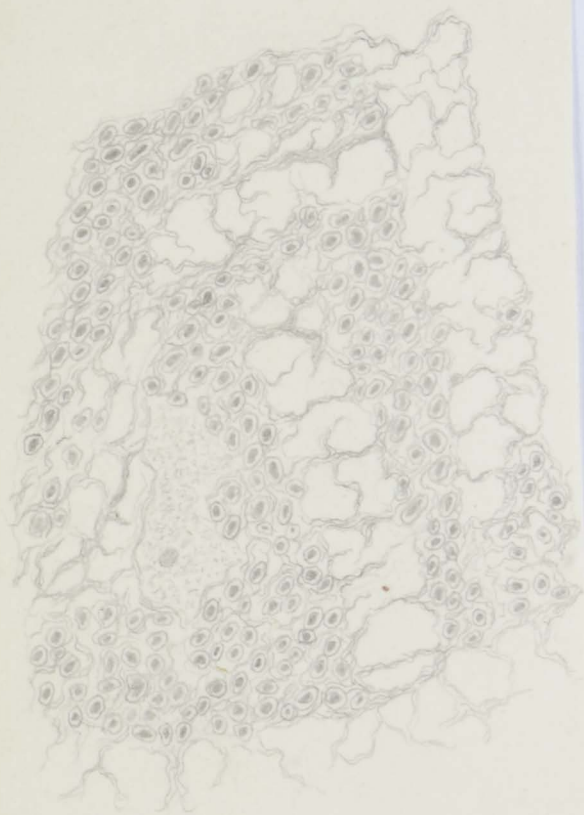
no 7 + 6

The tubes were placed in the
warm chamber which had
the temperature about 35°

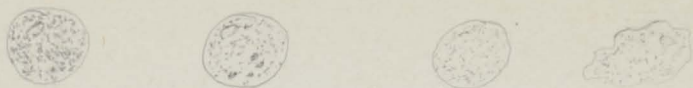
Tube B taken out at 3.45.

Examined. No masses seen
one or two small collections
of small granules (see) seen
and several filaments - be-
aded  Tube sealed
up again & with the lid put
in the chamber.

In the vessels of the Pia mater of
this rabbit, the small *V. corpusculi*
were numerous but ^{generally} smaller
than those seen in vessels of
the young rat. Several masses
were seen in a large plant
vein.



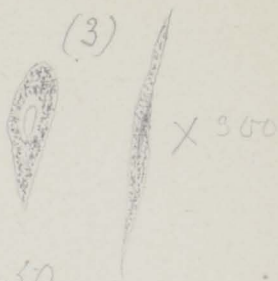
(1) X 300



(2) X 300

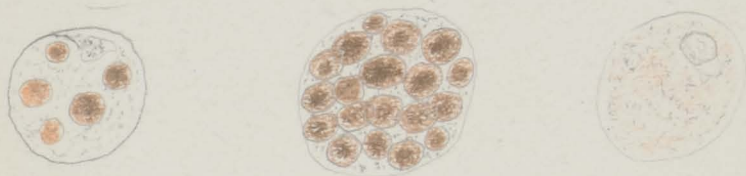


(3)



X 300

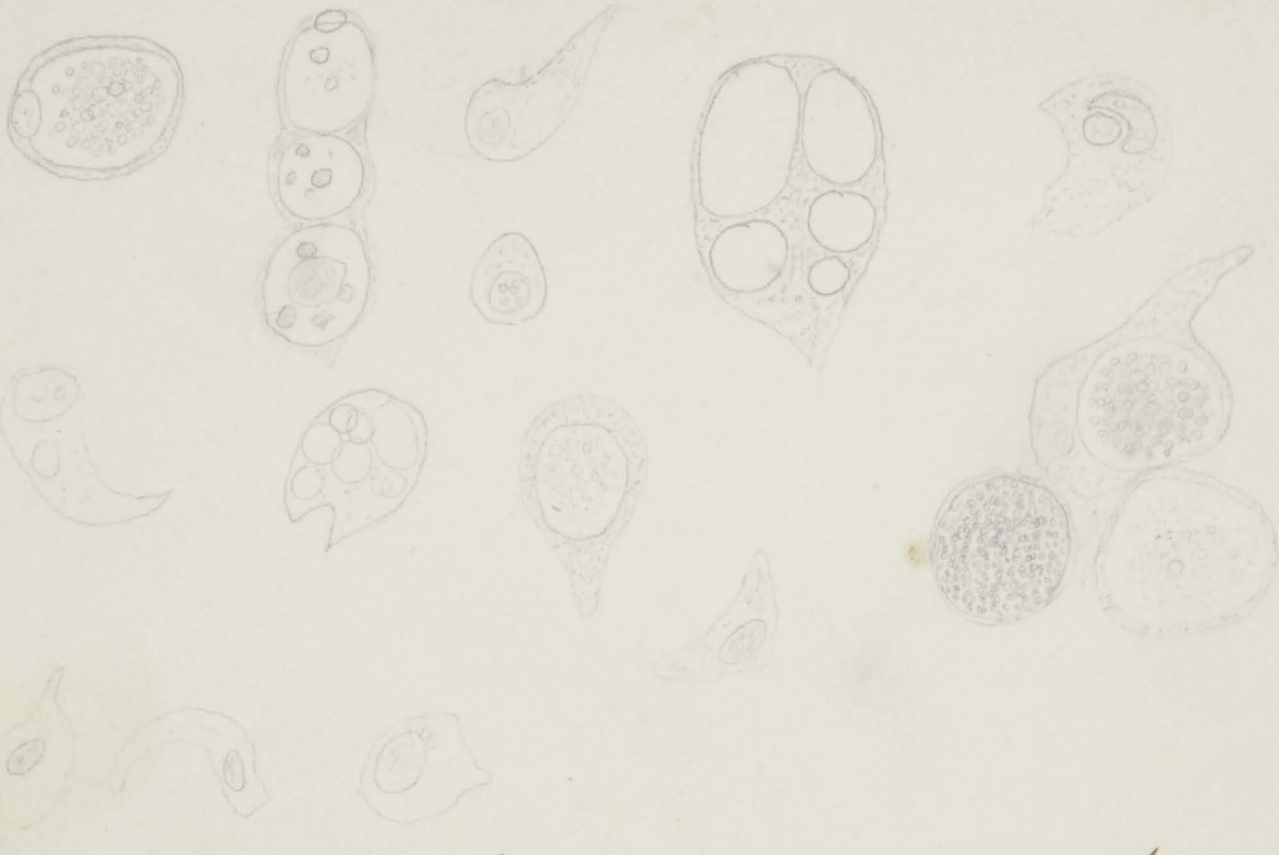
(4) X 450



2 pt. I

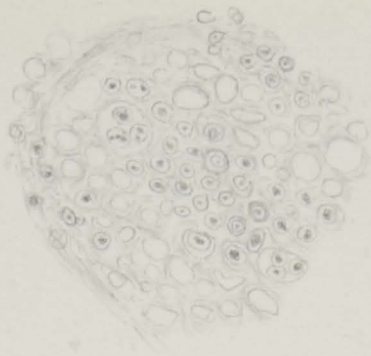
- (1) Leucocytes from axilla of kitten containing a variable number of pigment grains
- (2) Large ameboid cells containing Indian ink granules, from inflam. lung
- (3) Connective tissue corpuscles from the pleura with the pigment enclosed
- (4) a & b large cells containing red blood corpuscles. c, a cell with only the diffuse colouring matter



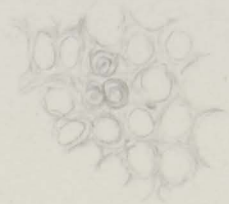


Cells in primary Cancer of Liver

I



II



I Stroma of spleen, cells filling some of
the meshes No 9.

II Fibrous stroma of spleen
No 9

I



II



III



Elements from leucemic Liver;
 portions of white areas teased in $\frac{3}{4}$ of saline

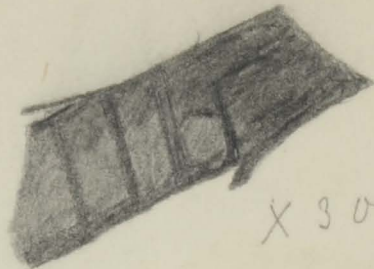
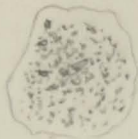
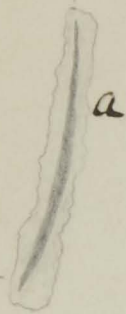
I Leucocytes: varied much in size; all had well defined nuclei. These are the most abundant elements

II Liver cells, irregular from pressure

III Connective tissue corpuscles. (a) common form. (b) large multinuclear cells

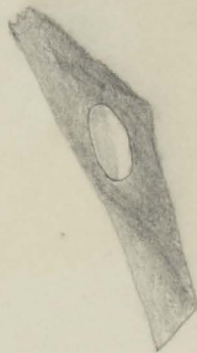
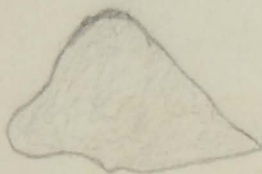
III

1



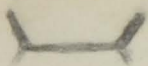
X 300

3



4

2b



6



5-



(1) Portions of coal surrounded by hard cartaceous masses

(2) a. Portion of scalariform tissue. The light parts between the bars are of a reddish brown colour. 2. b. End view of same.

(3) Grains of silex

4 & 5. Odd looking portions of coal, the latter was found just beneath the pleura

(6) Fragment with two holes, probably portion of dotted duct-

REEVES  & SONS'
SOLID SKETCH BLOCK.

This SKETCH BLOCK consists of a body of paper compressed so as to form a solid substance to all appearance ; each leaf can be separated when drawn upon, by a penknife being introduced in the space left in the front of the block, and passing the knife round the edges of the paper, care being taken to cut only one at a time.

ARTISTS' COLOUR AND DRAWING PENCIL MANUFACTORY,
113, CHEAPSIDE, LONDON, E.C.

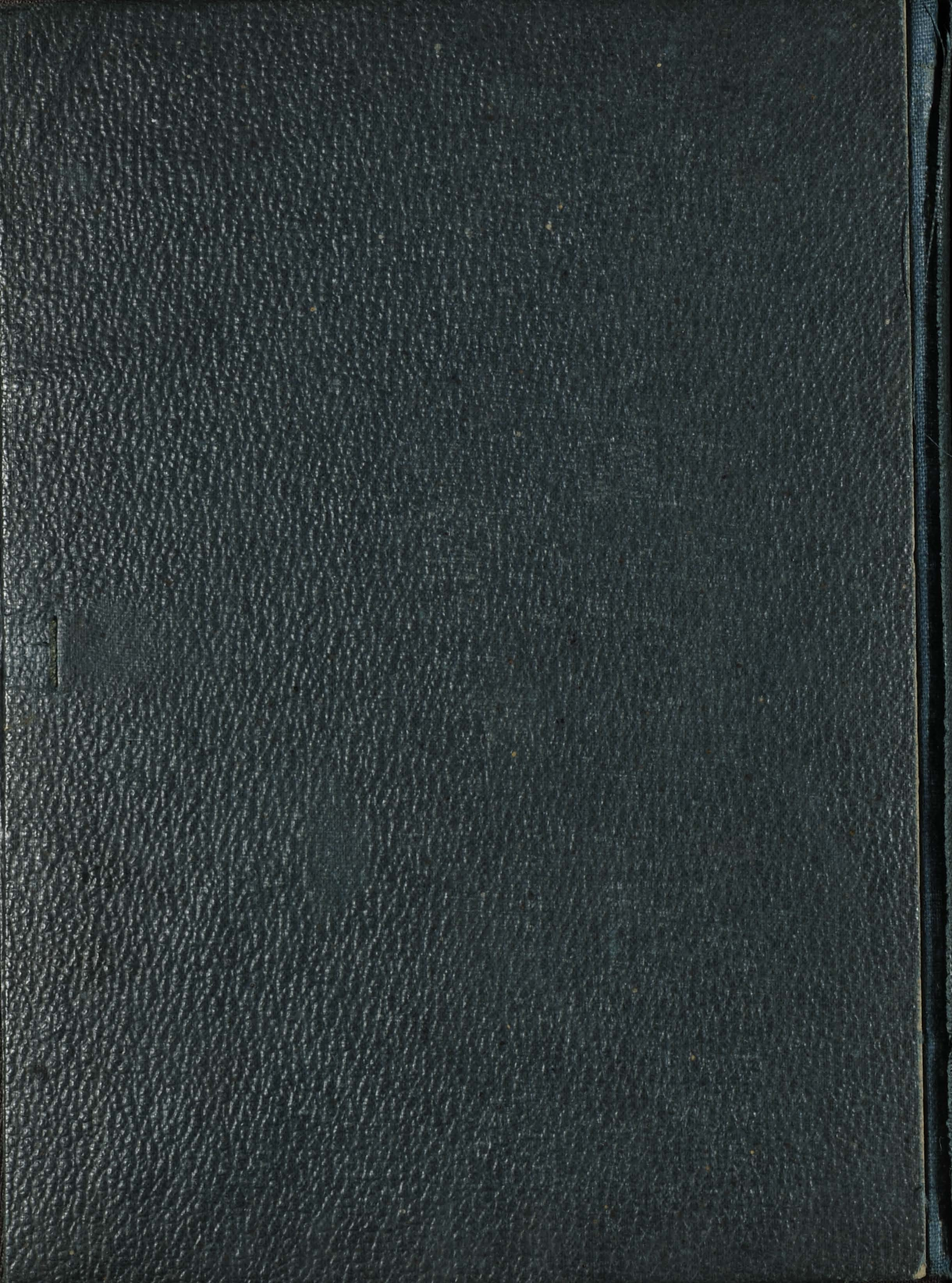
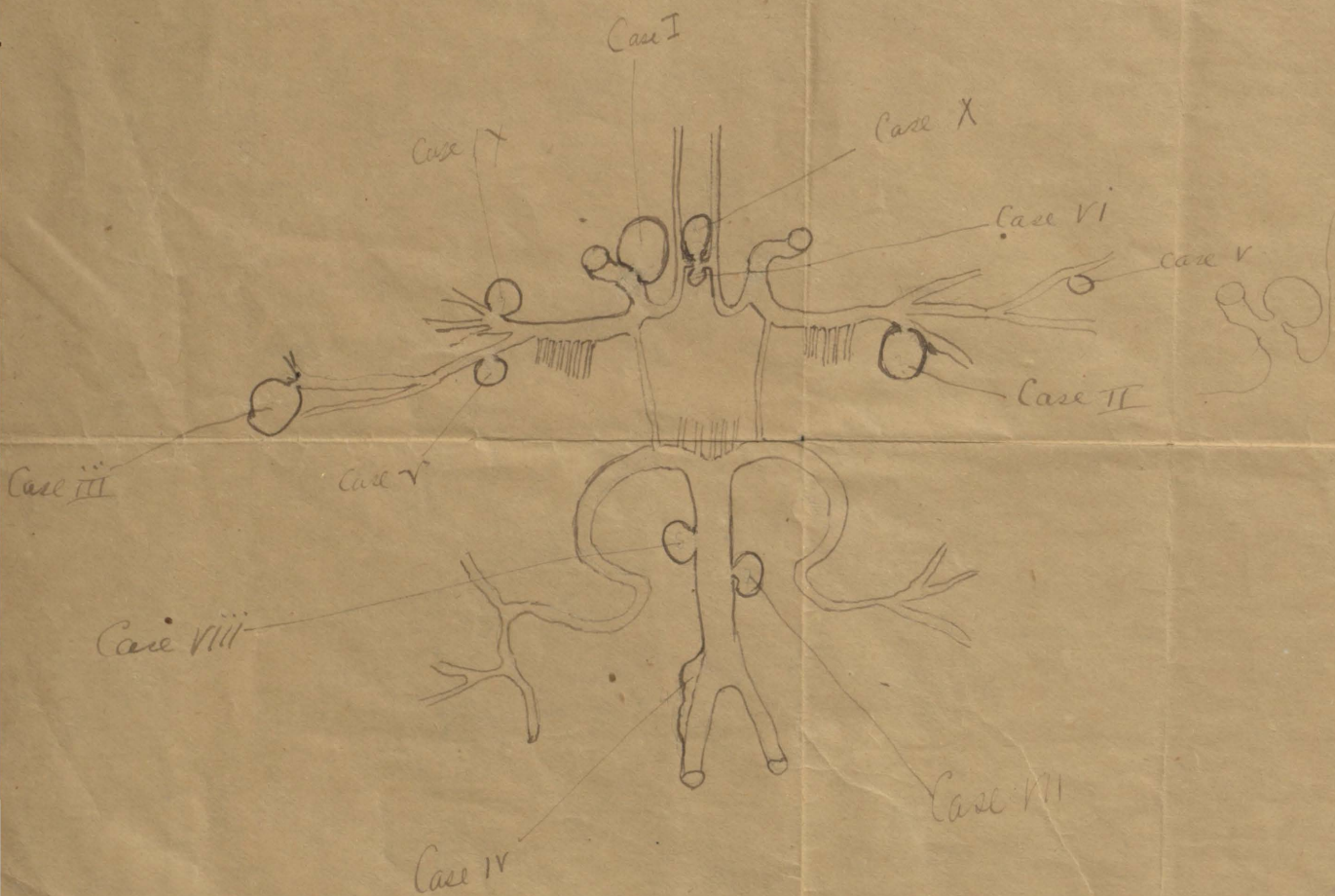


Diagram illustrating the position of ten
Aneurisms of the cerebral vessels.



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In Sir Wm. Osler's hand.

Found Sept. 1928 among some irrelevant papers
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Museum, Oxford.

W. W. F.

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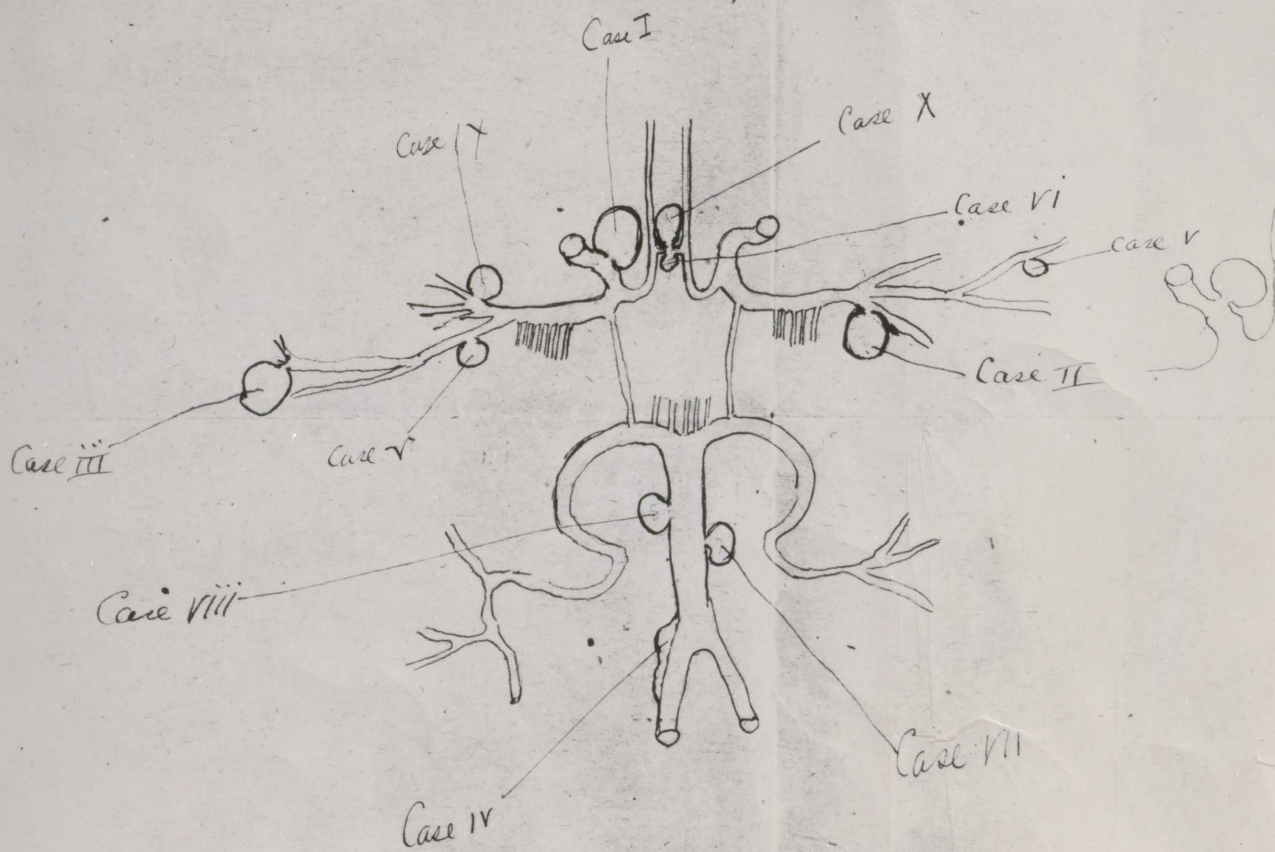
Unused illustration for W.O.'s
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ral arteries," *Can. M. & S. J., Phila.*,
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M.N.L. (abinet for Dr. Eugene Wroughton)

86-1137

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